

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
**WO 2005/078980 A3**

(51) International Patent Classification<sup>7</sup>: **H04L 12/64**

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(21) International Application Number:  
PCT/IB2005/050285

(22) International Filing Date: 25 January 2005 (25.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
04100524.0 12 February 2004 (12.02.2004) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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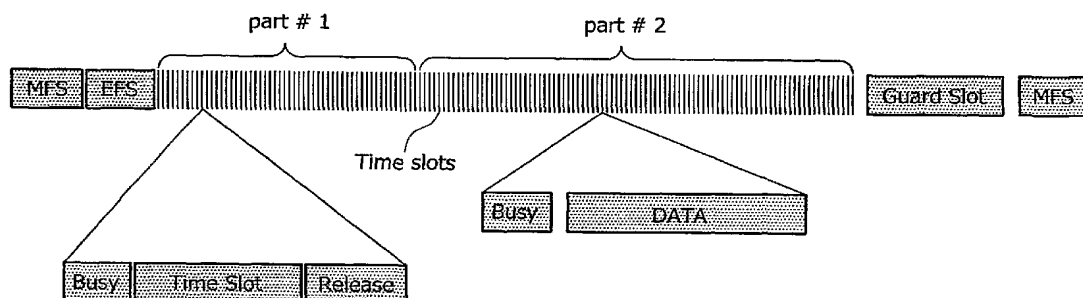
Published:

— with international search report

(88) Date of publication of the international search report:  
23 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF DISTRIBUTED ALLOCATION FOR A MEDIUM ACCESS CONTROL, A METHOD FOR RE-ORGANIZING THE SEQUENCE DEVICES ACCESS A MEDIUM, A METHOD FOR AVOIDING COLLISION, A METHOD OF SYNCHRONIZING DEVICES IN A SHARED MEDIUM AND A FRAME STRUCTURE



(57) Abstract: A method of distributed medium access control wherein a device that intends to send data first monitors the medium, then pre-occupies a slot and only in case a collision has not occurred starts sending the data. A method for re-organizing the device's sequence for the medium access by using a busy priority signal wherein the device with the highest priority occupies the unused slot and updates its slot number accordingly. A method for avoiding collision wherein a guard slot is generated just before the beginning of the MFS. A method for synchronizing a device by sensing the medium for a MFS or an EFS. A frame structure with a MFS, an EFS and a transmission portion with both a part for real-time and a part for non real-time transmission.

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